

## Abstract of the Invention

An improved call admission control method and apparatus is provided in which a MAC (or equivalent) layer parameter such as the FER (frame error rate) is used as a basis 5 for call admission control. An estimate of a FER which would result should a requested session be admitted is made, and on the basis of this estimate, the session is either admitted or denied access. The estimate is made by combining a previous FER with a degradation which is expected should the session be 10 admitted. The degradation is either determined experimentally, or can be updated in real time to reflect actual traffic patterns.